



Application No. 08/017,069
Amendment dated February 18, 2004
Reply to Office Action of August 20, 2003

Attorney Docket No. 79467

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REMARKS/ARGUMENTS

Claims 1-11 were present for examination in the above-identified application and claim 12 has been added by the present amendment.

The Examiner has objected to the title of the present application by stating that the title now in the application does not distinguish from the numerous methods and apparatuses for preventing overload. The title of the present application has not been changed because it does apprise the reader of the nature of the system disclosed and claimed. Only the complete specification and claims would satisfy the Examiner's broadly stated objection.

Claims 1,5,6 and 7 stand rejected under 35 U.S.C. § 102(b) as anticipated by Kim et al., U.S. Patent 5,774,321. Claim 1 has been amended to include a switching oscillator which is controlled by a controller to activate or de-activate the switch in response to sensed current. The switching oscillator, which is a part of controller 37, and its use to control output power is discussed at page 7, line 19 through page 8, line 20. No such apparatus or operation is taught or suggested by Kim et al. Accordingly, applicant asserts that claim 1 and claims 5,6, and 7 which depend from claim 1 are allowable over Kim et al.

Claim 1-5 and 7 stand rejected under 35 U.S.C. § 102(b) as anticipated by Kosugi, U.S. Patent 5,568,343. Kosugi describes a power supply having an oscillator 112 to drive an output power stage. Kosugi senses load current and shuts off a supply of input current by turning a transistor 120 on and off. Kosugi does not teach or suggest controlling an oscillator to shut the output power off. By doing such, applicant has achieved improved levels of control, simplicity and cost. Kosugi, which does not show or suggest the control of power by controlling the oscillator does

not anticipate applicant's amended claim 1 or the claims 2-5 and 7 which depend therefrom.

Claims 8,9 and 11 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Kim et al. and Malinowski.

Kim et al. does not teach or suggest a security system or a step of monitoring current levels entering a security system. The Examiner cites Malinowski to show a security system. The Examiner then states, without support, that it would have been obvious to combine the references.

Applicant asserts that the unsupported combination of the Kosugi and Malinowski references is improper. The Malinowski reference discloses a security system which is internally backed-up by a battery, battery switch-over and battery monitor. With such a battery backed-up system, there is no reason to combine it with a resetting power supply. Malinowski's system can continue to function at length if power is interrupted by a blown fuse. The presence of a battery back-up in Malinowski teaches away from any need to combine a sophisticated resetting power supply with a security system. Accordingly, applicant asserts that claim 8 and claims 9-11 which depend therefrom are allowable over Kim et al. In view of Malinowski.

Claims 8-10 stand rejected under 35 U.S.C. § 103(a) as unpatentable over Kosugi in view of Malinowski. Applicant asserts that claims 8-10 are not obvious in view of Kosugi and Malinowski for the reasons stated above regarding Kim et al. and Malinowski.

Claim 12 has been added by the present amendment. Claim 12 recites apparatus and functions for regulating multiple voltage levels. Applicant's apparatus, as shown in Fig. 2, senses and regulates voltage levels at 110 and 112 as is described in paragraphs (0019) through (0023) of the present application.

Application No. 10/017,069

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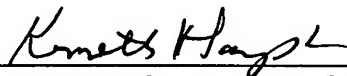
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None of the cited references or their combination teach or suggest a system for sensing and regulating multiple voltages.

The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1135.

Respectfully requested,

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